

Supplementary Table S1. Changes in HMI and CMI responses in patients treated with HD or PD and in control participants after completing COVID-19 vaccination with the extended primary series, composed of a heterologous inactivated SARS-CoV-2 prime-boost and ChAdOx1 nCoV-19 vaccine as the third dose, beginning from baseline (M0) and continuing through 3 months (M3) and 6 months (M6) after vaccination.

Variable	HD (n = 29)	PD (n = 28)	Control (n = 14)
N (%) or mean (SD)	(n = 29)	(n = 28)	(n = 14)
Percent change in anti-RBD IgG titer from M0 to M3 [%], mean (SD)	-59.5%*** (27.9%)	-69.1% (17.1%)	-80.2% (11%)
Percent change in anti-RBD IgG titer from M0 to M6 [%], mean (SD)	-76.7% (18.7%)	-84.1% (9.6%)	N/A
Percent change in sVNT from M0 to M3 [%], median (IQR)	-6% (-15% to -1%)	-5% (-20% to -2%)	-6% (-16% to -2%)
Percent change in sVNT from M0 to M6 [%], median (IQR)	-8% (-15% to -1%)	-13% (-30% to -5%)	N/A

Percent change in S1-specific T-cell response from M0 to M6 [%], median (IQR)	6% (-77% to 329%)	14% (-43% to 170%)	N/A
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*** $p < 0.05$ (compared with control participants)

CMI, cell-mediated immunity; *HD*, hemodialyzed patients; *HMI*, humoral-mediated immunity; *IgG*, immunoglobulin G; *IQR*, interquartile range; *N*, number; *N/A*, not applicable; *PD*, peritoneal dialyzed patients; *RBD*, receptor-binding domain; *SD*, standard deviation; *sVNT*, surrogate virus neutralization test.